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PRESSURE series

Parameter	Pressure transmitter	Digital display pressure transmitter	High temperature pressure transmitter	Digital Pressure Gauge	Pressure transmitter	Monocrystalline silicon pressure transmitter	Monocrystalline silicon differential pressure transmitter
Model	SUP-P300	SUP-PX300	SUP-P300G	SUP-Y290	SUP-P400	SUP-P3000	SUP-2051
Power supply	12~36VDC	12~36VDC	12~36VDC	3V Battery powered	12~36VDC	24VDC	24VDC
Output Signal	4 ~20mA, 1~5V, 0~20mA, 0~5V, etc.	4~20m	4~20mA, 1~5V 0~20mA, 0~5V, etc.	-	4~20mA, 1~5V, 0~20mA, 0~5V, etc	4~20mA, 1~5V 0~20mA, 0~5V, etc.	4~20mA, 1~5V 0~20mA, 0~5V, etc.
Pressure range	-0.1~100MPa	-0.1~100MPa	-0.1~100MPa	-0.1~100MPa	-0.1~100MPa	-0.1~100MPa	0~3MPa
Temperature compensation	-10~70˚C	-10~70˚C	-10~70˚C	-10~70˚C	-10~70˚C	-10~70˚C	-10~70˚C
Storage temperature	-40~125˚C	-40~125˚C	-40~125˚C	-40~125˚C	-40~125˚C	-40~125˚C	-40~125˚C
Medium temperature	-20~85˚C	-20~85˚C	0~200˚C	-20~85˚C	-20~85˚C	-20~85˚C	-20~85˚C
Ingress protection	IP65	IP65	IP65	IP65	IP67	IP67	IP67
Pressure type	Gauge pressure, absolute pressure, sealed pressure	Gauge pressure, absolute pressure, sealed pressure	Gauge pressure, absolute pressure, sealed pressure	Gauge pressure, absolute pressure, sealed pressure	Gauge pressure, absolute pressure, sealed pressure	Gauge pressure, absolute pressure, sealed pressure	Gauge pressure, absolute pressure, sealed pressure
Accuracy	0.1%, 0.3%, 0.5% optional	0.1%, 0.3%, 0.5% optional	0.1%, 0.3%, 0.5% optional	0.2% / 0.4% optional	0.1%, 0.3%, 0.5% optional	0.075%F.S	0.075%F.S
Zero temperature drift	±0.03%F.S/˚C	±0.03%F.S/˚C	±0.03%F.S/˚C	±0.03%F.S/˚C	±0.03%F.S/˚C	±0.03%F.S/˚C	±0.03%F.S/˚C
Sensitivity temperature drift	±0.03%F.S/˚C	±0.03%F.S/˚C	±0.03%F.S/˚C	±0.03%V/˚C	±0.03%F.S/˚C	±0.04%F.S/˚C	±0.04%F.S/˚C
Overloading pressure	200%F.S	200%F.S	200%F.S	200%F.S	200%F.S	200%F.S	200%F.S
Long-term stability	±0.2%F.S/y	±0.2%F.S/y	±0.2%F.S/y	±0.2%F.S/y	±0.2%F.S/y	±0.1%F.S/3y	±0.1%F.S/3y
Frequency	5kHz~650kHz	5kHz~650kHz	5kHz~650kHz	5kHz~650kHz	5kHz~650kHz	5kHz~650kHz	5kHz~650kHz
Electrical connections	Direct lead/ aerial linker/Din connector (Customizable)	Direct lead/ aerial linker/Din connector (Customizable)	Direct lead/ aerial linker/Din connector (Customizable)	-	M20*1.5	M20*1.5	M20*1.5
Measuring medium	Oil, water, gas, etc.	Oil, water, gas, etc.	Oil, water, gas, etc.	Oil, water, gas, etc.	Oil, water, gas, etc.	Oil, water, gas, etc.	Oil, water, gas, etc.
Process connections	Threaded / sanitary/ flange	Threaded / sanitary/ flange	Threaded / sanitary/ flange	Threaded	Threaded / sanitary/ flange	Threaded	Threaded

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SUP-P300

Pressure transmitter

FEATURE

0,1% high Accuracy measuring device
Quick response in miliseonds
Three-terminal isolation: linear correction
Strong isolation : High turnover
Low temparature drift

The SUP-P300 adopts diffused silicon pressure sensor as the sensitive element, and the built-in processing circuit converts the milivolt signal of the sensor into standard voltage, current and frequency signal output, which can be directly connected with the computer, controller and display instruments, etc. Remote signal transmission can be carried out. Product installation is convenient, with extremely high seismic and impact resistance.

Pressure range	-0.1~100Mpa
Compensation temperature	-10~70˚C
Accuracy	0.1%, 0.3%, 0.5%
Pressure type	Gauge pressure, Absolute-pressure, Seal pressure
Power supply	12-36VDC
Output signal	4~20mA; 1~5V, 0~10mA,0~20mA, 0~5V, RS485

Media temperature	-20˚C~85˚C
Storage temperature	-40˚C~125˚C
Overloading pressure	200%F.S
Frequency	5kHz-650kHz
Ingress protection	IP65

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SUP Y290

Digital Pressure Gauge

FEATURE

One click to reset in convenient use
With white blacklight for easy checking at night
Graphic pressure percentage and battery power display
With four-digit LCD display for accurate and intuitive reading
High quality 304 stainless steel gauge with resistance and durability
With temperature compensation, small temperature coefficient for more accurate measurement
With maximum 1.5 times range overload and more peak recording function for more reliable use.

SUP-Y290 digital display pressure gauge is a hight Accuracy intelligent digital pressure gauge. It has high Accuracy pressure sensor, wich can display the pressure accurately and real-time, and has the characteristics of high accuracy and good long-term stability.

The digital pressure gauge is equipped with a large size LCD, with reset, backlight, can be easily operated and installed, unit switching, low voltage alarm and another functions, can be easily operated and install.

Pressure range	-0.1~60Mpa	Sampling Frequency	3 times/s
Accuracy	0.2%/0.4% optional	Display Screen	Four digits LCD display screen
Overload capacity	<40Mpa 150%;≥40Mpa 120%	Blacklight Color	White
Battery Type	3V (2 cells of AAA battery)	Measuring Medium	Air, Water, Oil, etc.
Pressure type	Gauge pressure, Absolute-pressure, Seal pressure	Electromagnetism Compatibility	EMI resistant design, in line with EN61326
Longterm Stabability	12-36VDC	Data Memory	Permanent EEPROM
Battery Life	≥12 Months (subject to the specific use condition)	Peak Record	Yes (Partial specification products)